



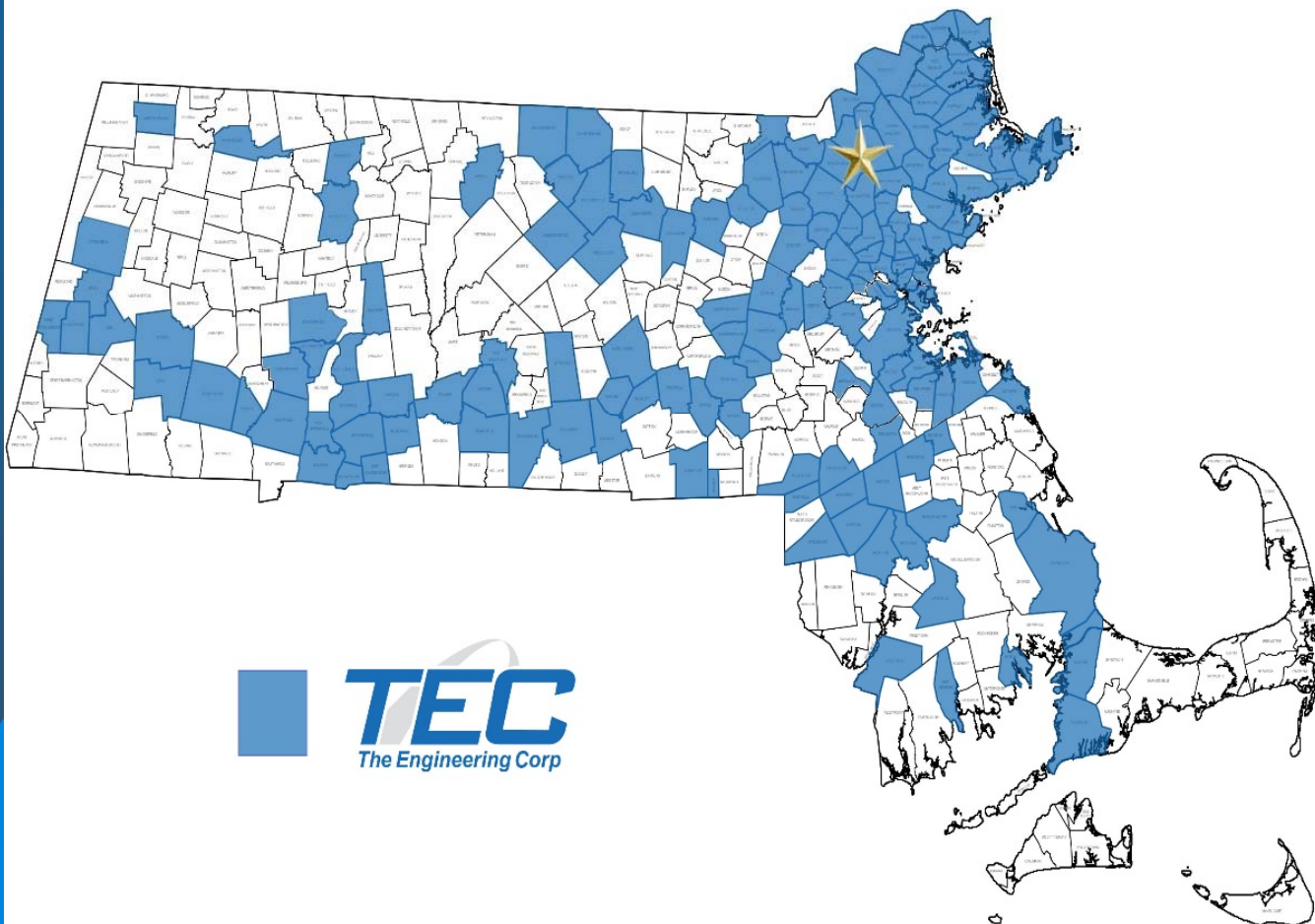
# Pedestrian Safety & Mobility Opportunities Town of Carlisle, MA

Board of Selectmen Meeting  
February 13, 2018



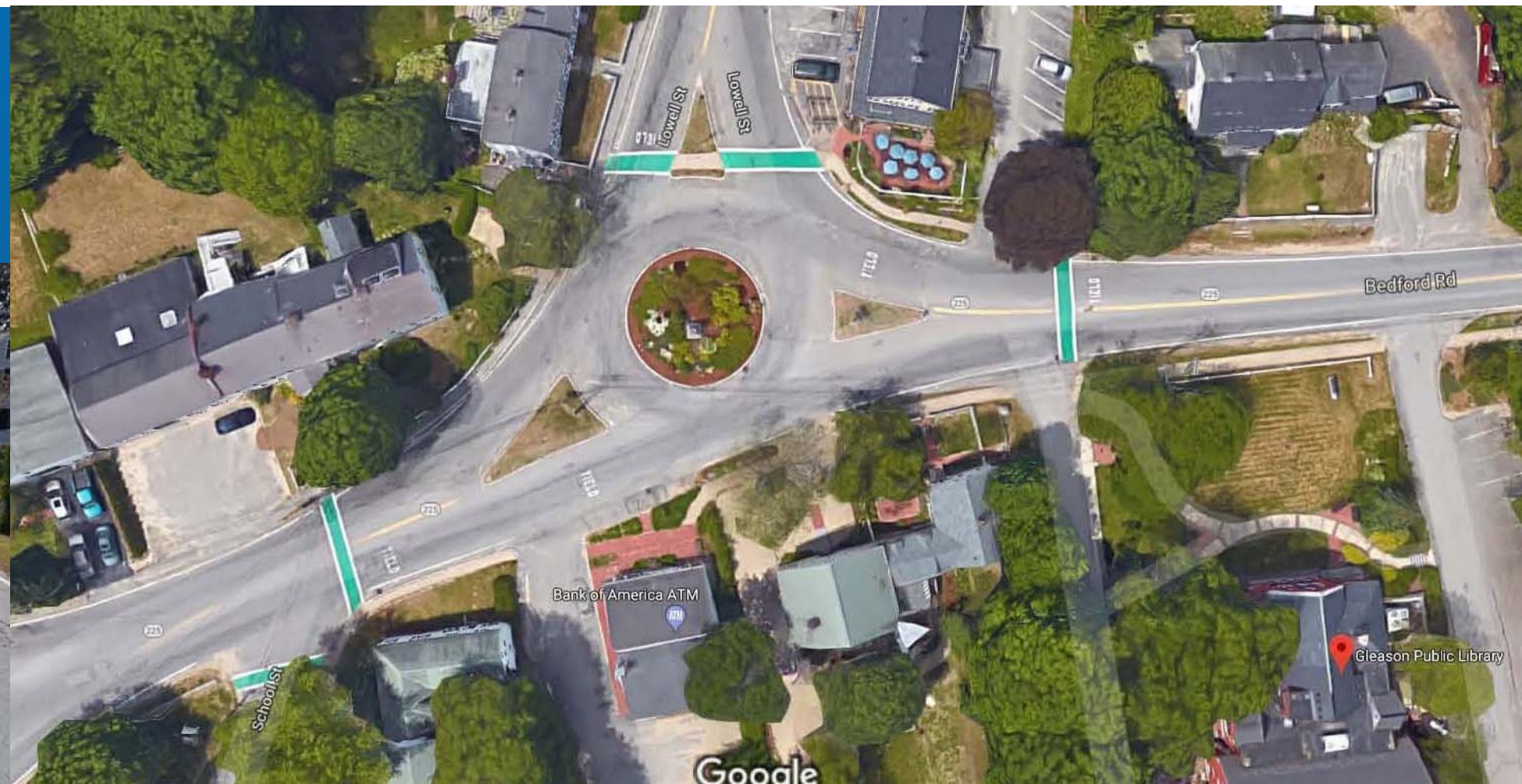
# About US

## STATEWIDE MUNICIPAL CLIENT EXPERIENCE



- Andover, MA
- 50 People
- Pre-Qualified with MassDOT
- Transportation Planning & Design
- Ped & Bike Safety & Mobility
  - SRTS: 75+ Communities
  - Complete Streets: 12+ Communities





## Pedestrian Safety & Mobility Challenges

- Ped crossings
  - Safe location
  - Ped desire line
  - ADA Accessibility
- Sidewalks & Pathways
  - Condition
  - Networks
  - ADA Accessibility







# Pedestrian Safety & Mobility Master Plan

## Scope of Work

1. Compile Existing Data
2. Existing Conditions Mapping
3. Methodology & Prioritization
4. Priority Project Mapping
5. Conceptual Plans
6. Programing Construction \$\$
7. Project Meetings (all-inclusive)

**Lump Sum \$25,000**





# Complete Streets Funding Program



- ✓ Safety
- ✓ Ped Mobility
- ✓ ADA Accessibility
- +Bicycle Mobility
- +Vehicular Ops
- +Transit (school bus)





# Complete Streets Funding Program



## Massachusetts Complete Streets Funding Program Participation



complete streets are for everyone

### Highway Districts

#### District One

Policy Approved: 20  
Letter of Intent: 2  
At Tier 1: 1  
At Tier 2: 11  
At Tier 3: 9  
% Registered in Program: 35.71

#### District Two

Policy Approved: 18  
Letter of Intent: 4  
At Tier 1: 6  
At Tier 2: 10  
At Tier 3: 10  
% Registered in Program: 35.71

#### District Three

Policy Approved: 37  
Letter of Intent: 8  
At Tier 1: 10  
At Tier 2: 18  
At Tier 3: 22  
% Registered in Program: 51.95

#### District Four

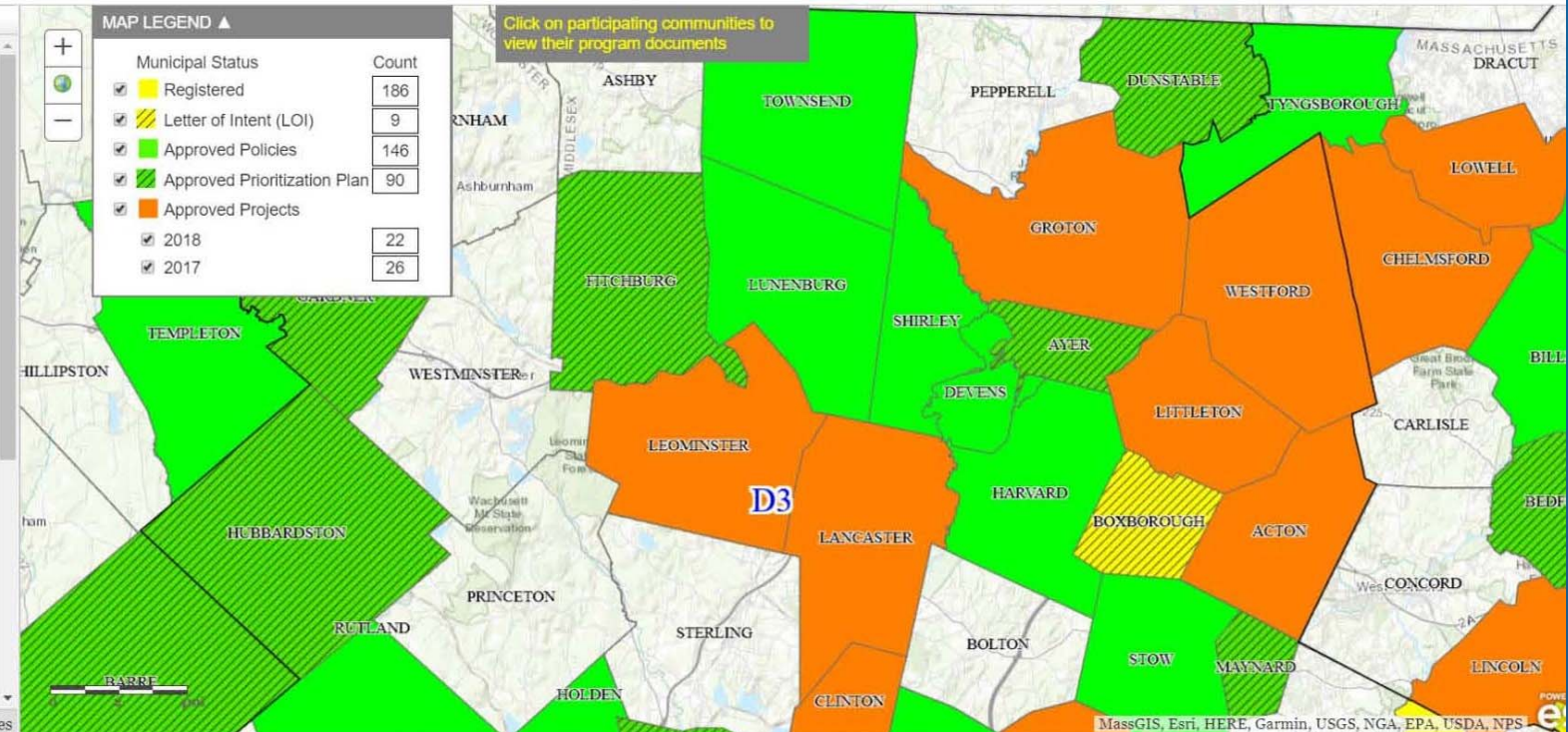
Policy Approved: 34  
Letter of Intent: 10  
At Tier 1: 4  
At Tier 2: 8  
At Tier 3: 27  
% Registered in Program: 51.95

Regional Planning Agencies

### MAP LEGEND

Municipal Status	Count
<input checked="" type="checkbox"/> Registered	186
<input checked="" type="checkbox"/> Letter of Intent (LOI)	9
<input checked="" type="checkbox"/> Approved Policies	146
<input checked="" type="checkbox"/> Approved Prioritization Plan	90
<input checked="" type="checkbox"/> Approved Projects	
<input checked="" type="checkbox"/> 2018	22
<input checked="" type="checkbox"/> 2017	26

Click on participating communities to view their program documents





# Complete Streets Funding Program

## CONTEXT SENSITIVE Approach

1. Preserve / Enhance Character
2. Improve Safety
3. Improve Mobility

Project Need & Use...

is **PROPORTIONATE** to...

Project Impacts & Cost



# Complete Streets Funding Program

**TIER 1 – Complete Streets Policy**

**TIER 2 – Project Prioritization Plan**

**TIER 3 – Construction Funding Application**





# Complete Streets Funding Program

## TIER 1 – Complete Streets Policy

### Steps to Complete Tier 1

- ✓ Attend Complete Streets Workshop
- 1. Submit Letter of Intent to Adopt a Policy
- 2. Apply for \$30,000 Grant for Tier 2
- 3. BOS Endorsement of the Policy
- 4. MassDOT Scores Policy 80+

### Policy Content

- ✓ Vision & Intent
- ✓ All Users & Modes
- ✓ Project Types
- ✓ Exceptions
- ✓ Design Criteria
- ✓ Context Sensitivity
- ✓ Implementation



# Complete Streets Funding Program

## TIER 2 – Project Prioritization Plan

### Scope of Work

1. Compile Existing Data
2. Existing Conditions Mapping
3. Methodology & Prioritization
4. Priority Project Mapping
5. Conceptual Plans
6. Programming Construction \$\$
7. Project Meetings (all-inclusive)

### All Users & Modes

- ✓ Safety
- ✓ Ped Mobility
- ✓ ADA Accessibility
- ✓ Bicycle Mobility
- ✓ Vehicular Ops
- ✓ Transit (school bus)





# Complete Streets Funding Program

Minimum  
15 Projects  
5 Years

Project Details			EJ	Complete Streets Location			Project Origin and Type	
Rank	Project Name	Project Description	Environmental Justice Population	Project Limits	Project Start Location: X,Y Coordinates (MA State Plane meter)	Project End Location: X,Y Coordinates (MA State Plane meter)	Complete Streets Project Origin (planning documentation or supporting analysis)	<a href="#">Complete Streets Project Type (refer to the Eligible Projects Worksheet)</a>
1	Town Center Pedestrian Improvements	Construction of sidewalk connection from Main Street to Town Common, a bumpout with wheelchair ramps and sidewalk re-construction at the intersection of Lincoln Street and Boston Road, improving the crossing at Town Hall entrance	No	Main Street, Lincoln Street/Boston Road intersection	E 598440.9806 N 3051307.8811	E 599866.0024 N 3051141.3399	Safety Audit	S1, S6, S7, S13, S14, P1-P3, P4, P5, P6, P8,

## TIER 2 – Project Prioritization Plan

Complete Streets Needs							Complete Streets Funding Request			Construction Schedule		
Safety	ADA Accessibility	Pedestrian Mobility	Bicycle Mobility	Transit Operations and Access	Vehicular Operations	Freight Operations	Will this project be in Coordination with other Communities? (list, if applicable)	Total Estimated Project Cost	Complete Streets Funding Requested	Other Funding Source(s) and Amount (if applicable)	Anticipated Construction Duration (number of months)	Desired Construction Start Date (month/year)

X	X	X		X			No	\$225,000	\$225,000	N/A	4	April-17
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# Complete Streets Funding Program

## TIER 3 – Construction Funding Application

- Up to \$400,000
  - Supplement a Project
  - New Project
  - Multiple Projects
- Awards Twice / Year
  - Round 1 - May 1<sup>st</sup>
  - Round 2 – October 1<sup>st</sup>

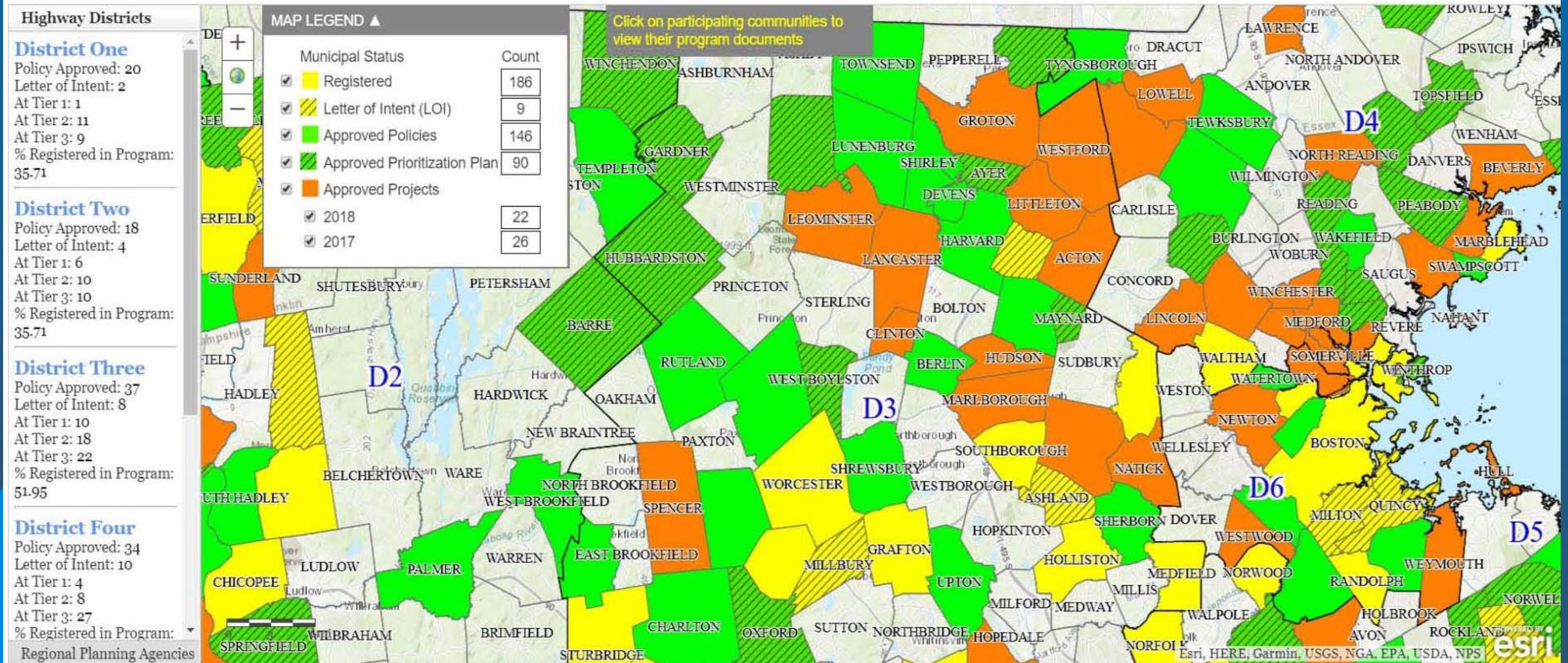




## Massachusetts Complete Streets Funding Program Participation



complete streets are for everyone





# Opportunities in Summary

## Ped Safety & Mobility Master Plan

- Ped focused
- Master Plan
- Planning: \$25,000
- Construction: \$TBD



## Complete Streets Funding Program

- All Users & Modes
- Master Plan
- Planning: \$0 (\$30,000 Grant)
- Construction: \$0 (\$400,000 / 1-2 yrs.)